

Converting Colors

$Yxy(64.3087, 0.3655, 0.3784)$

Have a look what the booklet for
Yxy(64.3087, 0.3655, 0.3784)
contains.

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Color

Yxy(64.3901, 0.3657, 0.3791)

Conversions

Conversions Part 1

Format	Color
Hex	E8CFA2
RGB	232, 207, 162
RGB Percent	91%, 81%, 64%
CMY	0.0902, 0.1882, 0.3646
CMYK	0.00, 0.11, 0.30, 0.09
HSL	39°, 60%, 77%
HSV	39°, 30%, 91%
XYZ	62.1141, 64.3901, 43.3457
YIQ	209.3450, 29.3450, -8.6950

Conversions

Conversions Part 2

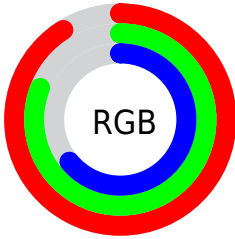
Format	Color
R_{YB}	201, 232, 162
Decimal	15257506
CIE _{Lab}	84.17, 2.14, 25.58
CIE _{LCh}	84, 25.667, 85.224
Yxy	64.3901, 0.3657, 0.3791
Android (android.graphics.Color)	4293447586 (0xFFE8CFA2)
YUV	209.3450, -23.3411, 19.8684
Hunter-Lab	80.2434, -2.2544, 24.1433

Details

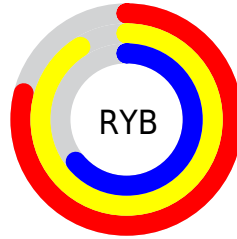
The Yxy color **64.3901, 0.3657, 0.3791** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.0562, 0.2630, 0.2731**, and the grayscale version is **64.1410, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7898, 0.3352, 0.3661**, and **33.0222, 0.3780, 0.3915** is the 20% darker color. If you saturate the color by 10%, you get **59.7320, 0.3864, 0.3960**, and if you desaturate by 10%, it is **69.4170, 0.3464, 0.3620**.

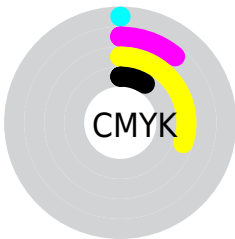
Distribution



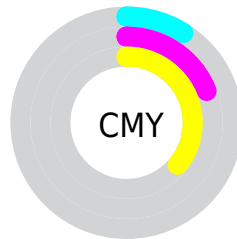
- Red (91%)
- Green (81%)
- Blue (64%)



- Red (79%)
- Yellow (91%)
- Blue (64%)



- Cyan (0%)
- Magenta (11%)
- Yellow (30%)
- Black (9%)





- Cyan (9%)
- Magenta (19%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.3901, 0.3657, 0.3791 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 64.3901, 0.3657, 0.3791 by changing the saturation by 10% instead.


 64.3901, 0.3657,
0.3791

 64.3901, 0.3657,
0.3791


440.5970, 0.3407,
0.3557

 46.9667, 0.3715,
0.3844


 111.1726, 0.3570,
0.3710

 33.0093, 0.3786,
0.3910


 141.3004, 0.3536,
0.3678

 22.1336, 0.3876,
0.3992


176.4319, 0.3507,
0.3651

 13.9551, 0.3993,
0.4099

216.9513, 0.3482,
0.3627

 8.0894, 0.4149,
0.4239

263.2432, 0.3460,
0.3607

 4.1522, 0.4365,
0.4426

315.6918, 0.3440,

 1.7591, 0.4995,

0.3588

374.6816, 0.3423,
0.3572

0.5005

0.4615, 0.5154,
0.4846

0.0000, 0.0000,
0.0000

64.3901, 0.3657,
0.3791

64.3901, 0.3657,
0.3791

59.7320, 0.3864,
0.3960

69.4170, 0.3464,
0.3620

55.4224, 0.4081,
0.4119

74.8148, 0.3288,
0.3452

51.4517, 0.4302,
0.4257

80.5966, 0.3130,
0.3293

47.8062, 0.4515,
0.4363

86.7723, 0.2988,
0.3142

■ 44.4709, 0.4711,
0.4426

■ 91.7787, 0.2987,
0.3224

■ 41.4283, 0.4877,
0.4437

■ 95.8956, 0.2987,
0.3290

■ 38.6940, 0.5012,
0.4403

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64.3901, 0.3769, 0.3588



64.3901, 0.3657, 0.3791



64.3901, 0.3403, 0.3867

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.3901, 0.3657, 0.3791



64.3901, 0.2586, 0.3211



64.3901, 0.3145, 0.2868

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



64.3901, 0.3657, 0.3791



49.0562, 0.2630, 0.2731

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



64.3901, 0.2835, 0.2767



64.3901, 0.3657, 0.3791



64.3901, 0.2524, 0.2945

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.3901, 0.3657, 0.3791



64.3901, 0.2786, 0.3521



64.3901, 0.2613, 0.2790



64.3901, 0.3466, 0.3068

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.3901, 0.3657, 0.3791



64.3901, 0.3192, 0.3822



64.3901, 0.2613, 0.2790



64.3901, 0.3036, 0.2822

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



64.3930, 0.3657, 0.3791



93.4902, 0.3270, 0.3434



46.6204, 0.3556, 0.3001



19.7934, 0.3294, 0.3458



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.3930, 0.3657, 0.3791



76.2670, 0.3780, 0.3894



75.9573, 0.3513, 0.4061



15.9057, 0.3276, 0.3441



21.7279, 0.4995, 0.4416



1.7796, 0.4848, 0.4533

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



49.0562, 0.2630, 0.2731



54.5019, 0.2523, 0.2598



40.3712, 0.2664, 0.2424



14.7253, 0.2981, 0.3135



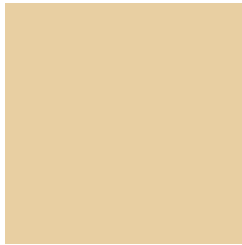
6.8736, 0.1652, 0.1146



0.6786, 0.1733, 0.1439

Previews

White Background



This preview shows how the Yxy color 64.3901, 0.3657, 0.3791 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 64.3901, 0.3657, 0.3791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

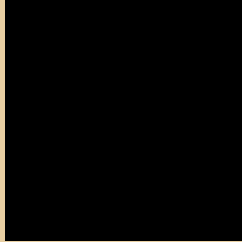
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.3901, 0.3657, 0.3791

Background



This preview shows how black text looks on a background with the Yxy color 64.3901, 0.3657, 0.3791.



This preview shows how white text looks on a background with the Yxy color 64.3901, 0.3657, 0.3791.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

64.3901, 0.3657, 0.3791

Protanopia

64.5848, 0.3576, 0.3823

Deuteranopia

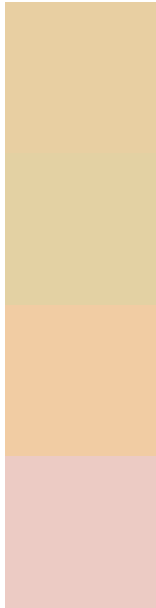
64.4782, 0.3781, 0.3709



Tritanopia

64.3920, 0.3315, 0.3130

Trichromacy



Original Color

64.3901, 0.3657, 0.3791

Protanomaly

64.5762, 0.3603, 0.3808

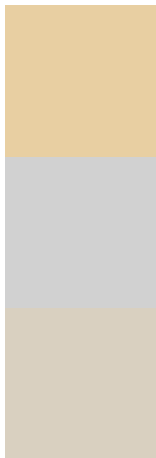
Deuteranomaly

64.5308, 0.3733, 0.3736

Tritanomaly

64.5303, 0.3439, 0.3367

Monochromacy



Original Color

64.3901, 0.3657, 0.3791

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.6692, 0.3310, 0.3473

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.3901, 0.3657, 0.3791 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(232, 207, 162)` looks like.

```
.text, #text, p{  
    color:rgb(232, 207, 162)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(232, 207, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 207, 162) }
```

Border

The CSS property to change the border of an element to Yxy 64.3901, 0.3657, 0.3791 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(232, 207, 162) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(232, 207, 162) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(232, 207, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 207, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 207, 162);  
box-shadow:4px 4px 4px 4px rgb(232, 207,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 64.3901, 0.3657, 0.3791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 207, 162) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(232,  
207, 162) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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